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mandrel has an outer diameter dimensioned to allow the inner diameter of the tube to slide thereon. The mold contains a void for injection of a second polymer. The void co-acts with the mandrel and the tube to define an overmolding shape. After injection molding the second polymer over the tube and the mandrel in the void of the mold, the first and second polymers are crosslinked. Different embodiments of the overmolding shape are taught. --

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**In the Claims:**

Please amend Claim 1 as follows:

1. (amended) A process for overmolding tubes comprising the steps of:  
 inserting a tube of a first polymer, having an inner diameter, at least partially into a mold and at least partially onto a cylindrical mandrel, the mandrel having a base and a tip, an outer diameter of said mandrel dimensioned to allow the inner diameter of the tube to slide thereon, said mold containing a void for receiving a second polymer, the void co-acting with the mandrel and the tube to define an overmolding shape [which comprises: a sealing surface region at a base of the mandrel; and a tube contacting region adjacent the sealing surface region];  
 injection molding the [a] second polymer over the tube and the mandrel in the void of the mold; and  
 crosslinking the first and second polymers.

Please cancel Claims 2-62 without bias or prejudice.

Please insert the following new claims:

63. (new) The process of claim 1 wherein the overmolding shape comprises a sealing surface region at the base of the mandrel and a tube contacting region adjacent thereto.
  64. (new) The process of claim 1 wherein the overmolding shape comprises an internally threaded engaging surface region at the base of the mandrel and a tube contacting region adjacent thereto.
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